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Buyer Financial Data Requirements

June 2004

OVERVIEW (AF)

- **Criticality of Buyer Financial Information**

- **Data Requirements for Fuel Transactions**

- **AF LOA Table Data**

- **FES Edits and Reject Criteria**

- **Fuel Identaplates and VIL Key Encoding**

Buyer Financial Data Requirements

Criticality of Buyer Financial Data….

- **Accurate Buyer Financial Data is Key to Successful End User Billing**

  - **Buyer Financial Data provides routing and account data used to create and route obligations to Service legacy obligation systems and DFAS Field Offices and subsequent routing of inter-fund bills from field office to end use customer**

- **Financial Manager/Resource Management Personnel Input *essential* to Accurate Buyer Financial Data, and in-turn proper management of end user fuel Budgets**

  - **Invalid Financial Data responsible for majority of transaction rejects back to seller**

Processing US Air Force Customer Transactions

FES accepts transactions from FCC if DoDAAC (FP series), Org Code, MDS, 8-digit tail number, Branch of Service (BOS), Signal Code, Fund Code, Use Code, grade, unit of issue, and quantity fields are populated

- **FES validates transaction data based on the Vehicle Identification Table, DoDAAC Table, and AF Line-of-Accounting (LOA) table in the FES**

FES Vehicle Identification Table provides aircraft ownership data

- **The FES Vehicle ID Table is updated via data feed from the AF Reliability & Maintainability Information System (REMIS)**

AF LOA table provides routing data necessary for

Buyer Financial Data Requirements

FES Support Table "AF LOA"

SUPPORT TABLE MENU

Click on "AF LOA" link to open the USAF Line of Accounting Table

Select "Aviation Fuel" or "Ground Fuel" to view LOA Table Detail

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FES Support Table "AF LOA"

Support Table M

| Airports | Address | T... |
| Rejects | Budget | A... |

Displays detail of Aviation Line of Accounting

Air Force LOA Report

| Aviation Fuel | Ground Fuel |

NOTE: View only Permission
Does not allow user to make any change

Cust DODAAC [FP2500 ▼] [Query] [History Record]

AF LOA Search Results   0 - 4 of 4

Action	DODAAC	Org Code	SRAN	ADSN	RC/CC	OAC/OBAN	ESP	MFP	Fund Code	Sig Code	Sup DODAAC	Type Org Code	Host SRAN	Aircraft Type	Type Fuel	Effective Date	End Date
	FP2500	084	AMC	525700	503021	65YY	N/A	02	30	B	FP4407	N/A	N/A	C021A	A	2002/10/01 12:00	N/A
	FP2500	731	AFR	503000	M222F3	6233	N/A	01	54	A	N/A	N/A	2500	C130H	A	2002/10/01 12:00	N/A
	FP2500	N/A	AMC	525700	999999	99	N/A	999999	30	B	FP4407	N/A	2500	C21A	A	2003/03/10 12:00	N/A
	FP2500	N/A	AMC	525700	999999	99	N/A	999999	30	B	FP4407	N/A	2500	C21A	A	2003/05/06 12:00	N/A

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FES Support Table "AF LOA"

Air Force LOA Report

Aviation Fuel | Ground Fuel

Displays detail of Ground Fuel Line of Accounting

NOTE: View only Permission
Does not allow user to make any change

AF LOA Search Results   0 - 25 of 312 | next | last

Action	DODAAC	Org Code	SRAN	ADSN	RC/CC	OAC/OBAN	ESP	MFP	Fund Code	Sig Code	Sup DODAAC	AF Org Code	Host SRAN	Aircraft Type	Type Fuel	Effective Date	End Date
	FP2500	100	0300	503000	100100	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	101	0300	503000	100110	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	102	0300	503000	100120	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	103	0300	503000	100130	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	104	0300	503000	100140	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	105	0300	503000	100170	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	106	0300	503000	100150	83A2	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	107	0300	503000	100921	83A9	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	108	0300	503000	201010	83A5	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	109	0300	503000	301010	83Z1	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	110	0300	503000	613516	4602	N/A		01	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	111	0300	503000	V97019	43QA	N/A		04	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A
	FP2500	112	0300	503000	668026	47VA	N/A	668026	29	30	A	N/A	N/A	2500	N/A	G	2001/10/01 12:00	N/A

Buyer Financial Data Requirements

Air Force LOA Table Data ** Denotes Minimum Required Fields

DODAAC: The Department of Defense Account Activity Code

Org Code: The identifying code of the specific organization within the DODAAC
The O&M money DESC will bill

SRAN: Stock Record Account Number

RC/CC: Responsibility Center/Cost Code

ESP: Emergency Special Project

Fund Code: 2-digit alphanumeric code, the appropriation charged for the purchase

Type Org Code: Type Organization Code

Aircraft Type: The type of aircraft in the transaction, if applicable

Effective Date: The date when the aircraft is assigned to the

Sup DODAAC: Supplemental DODAAC

ADSN: Accounting and Disbursing Station Number

OAC/OBAN: Operating Agency Code/ Operating Budget Account

MFP: Major Force Program

Sig Code: Signal Code

Host SRAN: The Host Stock Record Account Number

Type Fuel: Either ground or aviation fuel

End Date: The date when the LOA data is no longer valid (Not shown -System Assigned)
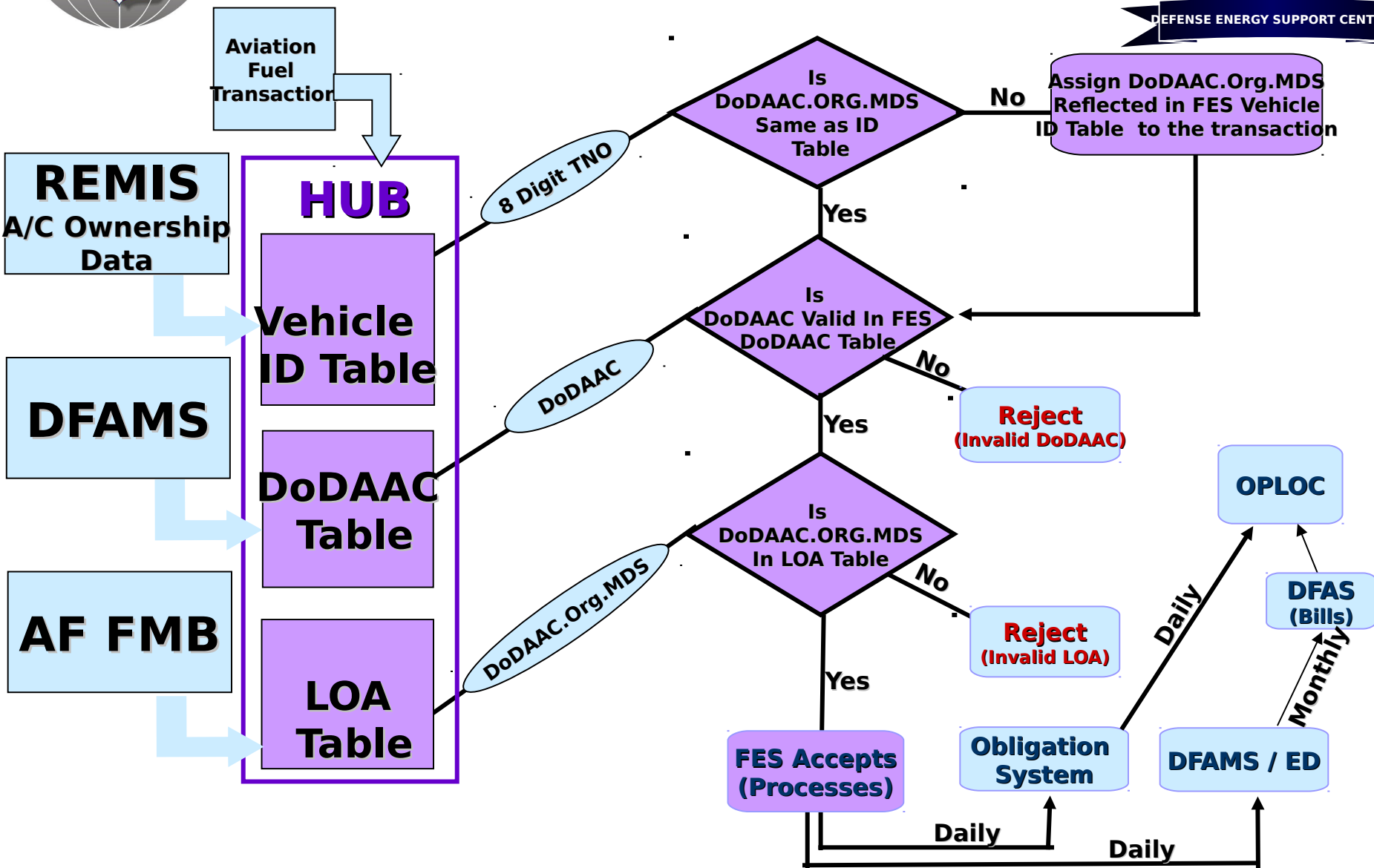
AF LOA Table Input Screen Example

Add AF LOA Record

DODAAC	FP4800		
Org Code		Sup DODAAC	
SRAN		ADSN	
RC/CC		OAC/OBAN	
ESP Code		MFP	
Fund Code		Sig Code	○ A ○ B
Type Org Code		Host SRAN	
Type Fuel	G		
Effective Date (yyyy/mm/dd)			

Add

FES USAF Aviation Transaction Validation Process

Aviation Fuel Transaction

REMIS A/C Ownership Data

DFAMS

AF FMB

HUB

Vehicle ID Table

DoDAAC Table

LOA Table

8 Digit TNO

DoDAAC

DoDAAC.Org.MDS

Is DoDAAC.ORG.MDS Same as ID Table

— No → **Assign DoDAAC.Org.MDS Reflected in FES Vehicle ID Table to the transaction**

Yes ↓

Is DoDAAC Valid In FES DoDAAC Table

No → **Reject (Invalid DoDAAC)**

Yes ↓

Is DoDAAC.ORG.MDS In LOA Table

No → **Reject (Invalid LOA)**

Yes ↓

FES Accepts (Processes)

Obligation System

DFAMS / ED

OPLOC

DFAS (Bills)

Daily

Monthly

Daily

Daily

USAF Aviation Fuel Card Example A

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THIS PLATE MUST BE PRESENTED WHEN JET FUEL IS REQUESTED

Branch of Service

Organization Numeric Designator

Signal Code

Fund Code

AMC 437 CHARLESTON

Installation Name

A68   C017A

JET FUEL

MDS

DOD USA

IDENTAPLATE

DD FORM 1896

98000143   FP4418

1MAR 73

IF FOUND, RETURN TO NEAREST U.S. MILITARY BASE

8 Digit Tail Number (TNO)

Home or Buyer's DoDAAC

USAF Aviation Fuel Card Example B

DEFENSE ENERGY SUPPORT CENTER

THIS PLATE MUST BE PRESENTED WHEN JET FUEL IS REQUESTED

Branch of Service

Supp DODAAC

Signal and Fund Codes

Installation Name

Organization Numeric Designation

MDS

ACC 001 LANGLEY

FP4407B30   C021

97000059   FP4800

DOD USA

JET FUEL IDENTAPLATE

DD FORM 1896

1MAR 73

IF FOUND, RETURN TO NEAREST U.S. MILITARY BASE

8 Digit Tail Number

Home or Buyer's DoDAAC

AIR Card Customer Data

- AIR Card show a card number which is the customer account number
  - Card (Account) Numbers associate to a specific aircraft tail number and customer account information
- AIR Card customer data base is centrally maintained by Service COR
  - AIR Cards do not have to be re-issued when aircraft ownership changes
  - Customers must notify the COR to update the data base
- AIR Card Transactions reflect card number
  - Financial Obligations and billing based on customer information loaded in the AIR Card customer data base

Buyer Financial Data Requirements

AVCARD ACCOUNT NUMBER - TAIL NUMBER UNIQUE

A00000

AVCARD/OASIS

TAIL NUMBER — 12345

BRANCH OF SERVICE — USA

EXPIRATION DATE — 09/02

U.S. Government AIR Card
Aviation Into-plane Reimbursement

AVCARD

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60 Years 1942-2002

Buyer Financial Data Requirements

Automated Fuel Service Station (AFSS)

Fuel Master Master Unit at Service Island

Vehicle Informati... Link (VIL) Keys

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60 Years 1942-2002

Fuel Master Unit (FMU) located on a pedestal at service island pumps

- Reads data encoded on VIL key and performs a limited validation of data

  - Validation includes correct grade of fuel for pump selected, and presence of encoded data in critical data fields. *NOTE: This data validation checks only for the presence of data in certain fields.*

- Allows operator to select appropriate grade/pump, then activates pump

- Registers and stores transaction data

  - FCC queries/downloads transaction data to FCC Gas Log Module for processing to the FES

VIL Key data encoding - a critical element in automated accounting

- **Who encodes: Normally Fuels Management activity encodes VIL Keys**
  - **Financial Management activity provides valid financial data**
  - **Transportation generally provides vehicle ownership information**

- **How to encode: VIL Key encoder connected via parallel port to FAS computer**

  - **Syn-Tech Systems software for encoder provided on CD ROM**
  - **Data encoded on VIL Keys is also stored in the FAS Computer – this becomes the VIL key database**

- **What is encoded: DoDAAC; Sub Account Data (Org Code for AF) Vehicle ID (Tag number for GSA Vehicles);Grade of Fuel; Fund Code; Signal Code; Use Code**

Buyer Financial Data Requirements

VIL Key Database Maintenance

- **System creates a record of each VIL Key encoded**
    - **A new record is created when an existing VIL Key is edited**
    - **Old/invalid records can be deleted from the database**

- **VIL Keys can be locked out if encoded data is invalid**
    - **Lock-out prevents activation of pumps, thus prevents an automated sale of product to that customer**
    - *NOTE: Lock out is limited to / only effects the Fuel Master Unit (FMU) linked to the VIL*

- **VIL Keys can be locked out in three ways**

    - **By individual vehicle identification number– locks out only that VIL Key**

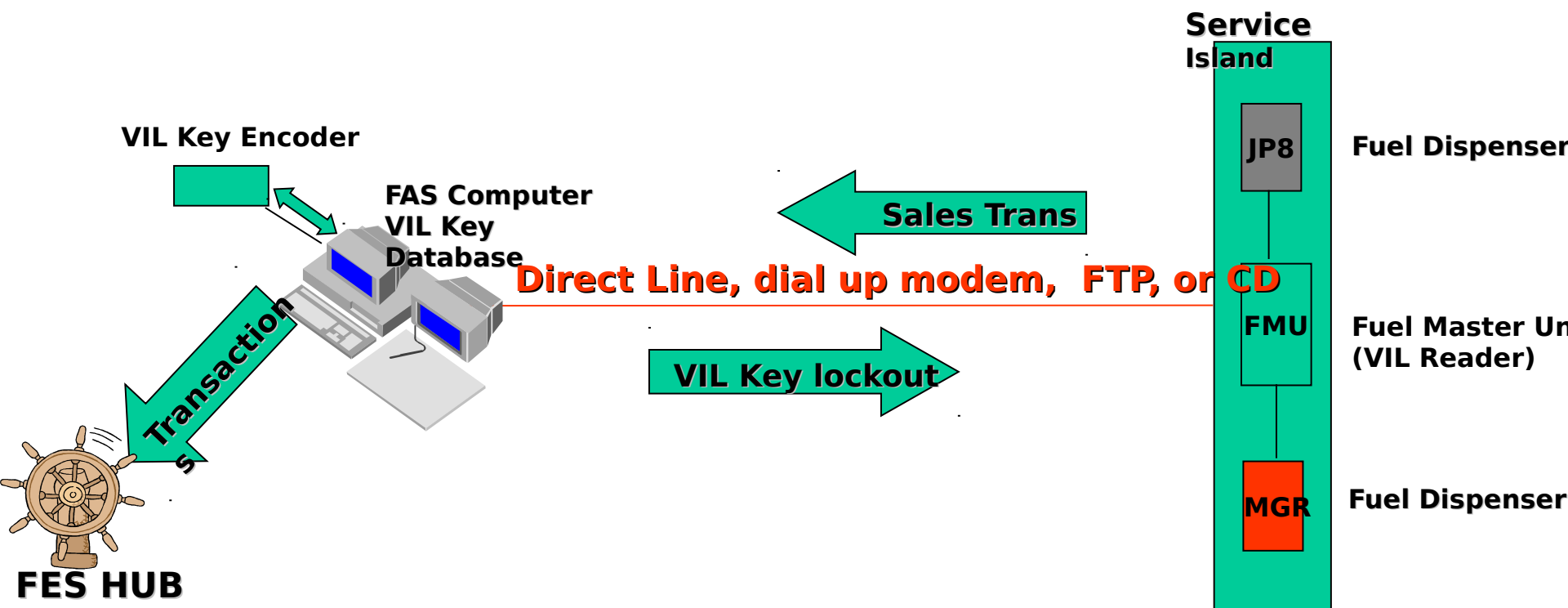   - **By DoDAAC – locks out all VIL Keys with that DoDAAC**

    - **By Org Code**

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Vehicle Information Link (VIL) Key

VIL Key Encoding / Lock out / Data Reading Process

Service Island

VIL Key Encoder

FAS Computer VIL Key Database

JP8 — **Fuel Dispenser**

Sales Trans

Direct Line, dial up modem, FTP, or CD

FMU — **Fuel Master Unit (VIL Reader)**

VIL Key lockout

Transactions

FES HUB

MGR — **Fuel Dispenser**

Download of Sales Data from FMU is initiated by FAS Computer User & VIL Key lockout data is sent back to FMU subsequent to Sales Data download. (Frequency—daily or

Buyer Financial Data Requirements

DOD Fleetcard...

- **Customer data base centrally maintained by DES**
  - **Card holder must notify DESC when customer info chang**

Fuels Automated System (FAS) Enterprise Server (FES)

Questions / Discussion